

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("369" "720" "360"). clas. and (((spindle rotat\$3 spin\$4 spun revolv\$3) near5 (medium disc disk)) with (cool\$3 ((reduc\$4 decreas\$3 lower\$3) near3 (heat temperature))) with (((light adj2 source) laser) near3 (inactive idl \$3 ((powered shut) near2 down) off ((no "not" without) near3 (writ\$3 read\$3 reproduc\$4 recording operation us\$3))))))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:54
L2	94	("369" "720" "360"). clas. and ((temperature near3 (sens\$3 detect\$3)) thermometer) and (temperature with (((inactiv\$5 disabl\$3 idl \$3 ((power\$3 shut\$3) near2 down) off ((no "not" without) near3 (writ\$3 read\$3 reproduc\$4 recording operation us\$3)))) near5 (laser (light adj source))) ((stop\$4 inhibit\$3 halt\$3 paus \$3) near5 (writ\$3 read \$3 reproduc\$4 recording laser (light adj source))))))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:54

L3	7	((("369" "720" "360"). clas. and ((temperature near3 (sens\$3 detect\$3)) thermometer) and ((temperature with (((inactiv\$5 disabl\$3 idl \$3 ((power\$3 shut\$3) near2 down) off ((no "not" without) near3 (writ\$3 read\$3 reproduc\$4 recording operation us\$3))) near5 (laser (light adj source))) ((stop\$4 inhibit\$3 halt\$3 paus \$3) near5 (writ\$3 read \$3 reproduc\$4 recording laser (light adj source)))))) same ((spin\$4 spindle rotat \$3 revolv\$3) near3 (medium disc disk)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:54
L4	632	((((spindle rotat\$3 spin \$4 spun revolv\$3) near5 (medium disc disk)) with (cool\$3 ((reduc\$4 decreas\$3 lower\$3) near3 (heat temperature))))))	EPO; JPO	OR	ON	2008/07/22 18:54
L5	227	((temperature near3 (sens\$3 detect\$3)) thermometer) and (temperature with (((inactiv\$5 disabl\$3 idl \$3 ((power\$3 shut\$3) near2 down) off ((no "not" without) near3 (writ\$3 read\$3 reproduc\$4 recording operation us\$3))) near5 (laser (light adj source))) ((stop\$4 inhibit\$3 halt\$3 paus \$3) near5 (writ\$3 read \$3 reproduc\$4 recording laser (light adj source))))))	EPO; JPO	OR	ON	2008/07/22 18:54
L6	0	L4 and L5	EPO; JPO	OR	ON	2008/07/22 18:54

L7	0	(nakatsuka and mushishika and yamaguchi).in.	US- PGPUB; USPAT	OR	ON	2008/07/22 18:54
L8	11	("369" "720" "360"). clas. and ((temperature near3 (sens\$3 detect\$3)) thermometer) and (((cool\$3 temperature) with (((inactiv\$5 disabl \$3 idl\$3 ((power\$3 shut \$3) near2 down) off ((no "not" without) near3 (writ\$3 read\$3 reproduc\$4 recording operation us\$3))) near5 (laser (light adj source)))) ((stop\$4 inhibit\$3 halt\$3 paus \$3) near5 (writ\$3 read \$3 reproduc\$4 recording laser (light adj source)))))) same ((spin\$4 spindle rotat \$3 revolv\$3) near3 (medium disc disk)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:54
L9	4	("369" "720" "360"). clas. and ((temperature near3 (sens\$3 detect\$3)) thermometer thermistor) and (((cool \$3 over\$1heat\$3 (over adj 1 heat\$3) (temperature near4 (reduc\$4 decreas\$3 lower\$3))) with ((stop \$4 inhibit\$3 halt\$3 paus \$3) near5 (writ\$3 read \$3 reproduc\$4 recording laser (light adj source)))))) same ((spin\$4 spindle rotat \$3 revolv\$3) near3 (medium disc disk)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:54

L10	10	("369" "720" "360"). clas. and (((cool\$3 over \$1heat\$3 (over adj1 heat\$3) (temperature near4 (reduc\$4 decreas \$3 lower\$3))) with ((stop\$4 inhibit\$3 halt \$3 paus\$3) near5 (writ \$3 read\$3 reproduc\$4 recording laser (light adj source)))))) same ((spin\$4 spindle rotat \$3 revolv\$3) near3 (medium disc disk))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55
L11	9	("369" "720" "360"). clas. and ((temperature near3 (sens\$3 detect\$3)) thermometer thermistor) and (((cool \$3 over\$1heat\$3 (over adj1 heat\$3) (temperature near4 (reduc\$4 decreas\$3 lower\$3))) with ((rotat \$3 revolv\$3 spin\$4) near5 (medium disc disk)))) same (sleep\$3 idl\$3 inactiv\$3 off))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55
L12	2	("369" "720" "360"). clas. and (((cav rotat\$5 spin\$4 revolv\$3 angular) near3 (speed velocity frequency)) with ((cool\$3 ((temperature heat\$3) near3 (reduc\$4 decreas \$3 lower\$3))) near4 (optim\$7 maxim\$7)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55
L13	2	("369" "720" "360"). clas. and (((spidle cav rotat\$5 spin\$4 revolv \$3) near3 (speed velocity frequency)) with ((cool\$3 ((temperature heat\$3) near3 (reduc\$4 decreas \$3 lower\$3))) near4 (optim\$7 maxim\$7)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55

L14	64	("369" "720" "360"). clas. and (second near3 temperature near3 (reference level threshold))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55
L15	1	("369" "720" "360"). clas. and (((plural\$3 second) near3 temperature near3 (reference level threshold)) same ((stop \$4 inhibit\$3 halt\$3 paus \$3) near5 (writ\$3 read \$3 reproduc\$4 recording laser (light adj source))))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55
L16	27	("369" "720" "360"). clas. and (((duty cycle) near3 ("50%" ("50" fifty) near2 ("% " percent\$3)))) same (cool\$3 ((temperature heat\$3) near3 (reduc \$4 decreas\$3 lower \$3))) )	US- PGPUB; USPAT	OR	ON	2008/07/22 18:55
L17	9	("369" "720" "360"). clas. and ((alternat\$5 with (activ\$3 on writ\$3 recording read\$3 reproduc\$3) with (suspen\$4 inactiv\$3 off)) same (cool\$3 ((temperature heat\$3) near3 (reduc\$4 decreas \$3 lower\$3))) )	US- PGPUB; USPAT	OR	ON	2008/07/22 18:56
L18	10	("369" "720" "360"). clas. and (((chang\$3 reduc\$4 slow\$3 decreas \$3 adjust\$4) near3 ((speed velocity) near3 (safety record\$3 writ \$3))) same (temperature near3 (detect\$3 ((exceed\$3 above) near3 (threshold level))))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:56

L19	0	("369" "720" "360"). clas. and (((((turn\$3 switch\$3) near3 off) inactiv\$5) near6 (photodiode photoreceptor photoreceiver photodetector ic (signal adj1 process\$3) ((focus radial tracking) near2 actuat\$3) ((focus \$4 track\$3 servo) near3 driv\$3) encod\$3 decod\$3)) with (temperature over \$1heat\$3 (over adj1 heat\$3) cool\$3))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:56
L20	4	("369" "720" "360"). clas. and (((((turn\$3 switch\$3) near3 off) inactiv\$5 deactivat\$3 disabl\$3) near6 (photodiode photoreceptor photoreceiver photodetector ic (signal adj1 process\$3) ((focus radial tracking) near2 actuat\$3) ((focus \$4 track\$3 servo) near3 driv\$3) encod\$3 decod\$3)) same (temperature over \$1heat\$3 (over adj1 heat\$3) cool\$3))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:56
L21	8	(van adj1 der adj1 kall). in.	US- PGPUB; USPAT	OR	ON	2008/07/22 18:57
L22	5	("369" "720" "360"). clas. and ((rotat\$3 spin \$4) near3 (turntable (turn adj1 table)) with ((without empty no) near2 (disk disc medium cd dvd) near3 (inserted loaded present)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:57

L23	3	("369" "720" "360"). clas. and ((rotat\$3 spin spinning) near3 (turntable (turn adj1 table)) with ((disc disk medium cd dvd) near5 ((present absent absence presence) near3 (detect\$3 determin\$5))))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:57
L24	0	("369" "720" "360"). clas. and (((continu\$5 resum\$5 operat\$3 us \$3) near3 (fan\$4)) with ((when though after) near3 (eject\$3 empty\$3 unload\$3)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:57
L25	21	("369" "720" "360"). clas. and (fan with (temperature near3 (exceed\$2 higher above)))	US- PGPUB; USPAT	OR	ON	2008/07/22 18:57
L26	35	"369".clas. and ((temperature over \$1heat\$3) with (laser pick\$1up (pick adj1 up) ((disk disc) adj1 (drive))) with damag \$3)	US- PGPUB; USPAT	OR	ON	2008/07/22 18:57
L27	1	(temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and threshold and flag and (finish\$3 complet\$3)). clm.	US-PGPUB	OR	ON	2008/07/22 18:59
L28	41	(temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and threshold and (finish\$3 complet\$3)).clm.	US-PGPUB	OR	ON	2008/07/22 18:59

L29	3	(temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and threshold and ((finish \$3 complet\$3) near3 (operation writing reading reproduc\$4 recording))) .clm.	US-PGPUB	OR	ON	2008/07/22 19:00
L30	1	(temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and threshold and timer and threshold and (spindle motor) and (fan cool\$3)) .clm.	US-PGPUB	OR	ON	2008/07/22 19:02
L31	1	(temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and threshold and timer and (spindle motor) and (fan cool\$3)) .clm.	US-PGPUB	OR	ON	2008/07/22 19:02
L32	2	(temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and threshold and timer and (spindle motor)) .clm.	US-PGPUB	OR	ON	2008/07/22 19:03
L33	2	((duty near3 cycle) and temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and (spindle motor)) .clm.	US-PGPUB	OR	ON	2008/07/22 19:04
L34	1	((duty near3 cycle) and temperature and ((spin \$4 rotat\$3 fan\$4) near3 (disc disk medium)) and (spindle motor) and ((suspens\$4 stop\$4 freez\$3) near3 (operat\$3 reading writing recording reproduc\$4))) .clm.	US-PGPUB	OR	ON	2008/07/22 19:05

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